Learning to Fly: The Wright Brother's Adventure			
2006 Mathematics			
Grade Level Expectations			
Delaware Mathematics			
Grades K-12			
Activity/Lesson	**State**	**Standards**	
1903: Powered Flight	DE	MA.K-12.N.4	Knowing the reasonableness of an answer comes from using good number sense and estimation strategies.
1903: Powered Flight	DE	MA.K-12.G.4	Linear measure, area, and volume are fundamentally different but may be related to one another in ways that permit calculation of one given the other.
1903: Powered Flight	DE	MA.K-12.N.Q.1	Students understand what makes an estimate reasonable
1903: Powered Flight	DE	MA.K-12.G.Q.1	Students understand how are measurement and counting related
1903: Powered Flight	DE	MA.K-12.G.Q.2	How does what we measure affect how we measure? How can space be defined through numbers/measurement?

Learning to Fly: The Wright Brother's Adventure			
2006 Mathematics			
Grade Level Expectations			
Delaware Mathematics			
Grade 6			
Activity/Lesson	**State**	**Standards**	
1902: Success at Last	DE	MA.6. 1.1.6	Demonstrate equivalence of decimals, fractions, and percents using multiple models
1902: Success at Last	DE	MA.6. 1.2.6	Use benchmark percents to solve problems
1902: Success at Last	DE	MA.6. 4.3.1	Defend conclusions drawn from the interpretation of data by comparing one data set to another
1903: Powered Flight	DE	MA.6. 1.2.9	Describe in which situations an estimate is preferable and in which situations the exact answer is required
1903: Powered Flight	DE	MA.6. 1.2.10	Select and use appropriate methods and tools for computing (e.g., mental computation, estimation, calculators, paper, and pencil) depending on the context and nature of the computation
1903: Powered Flight	DE	MA.6. 2.2.1	Demonstrate that a given situation may be represented by a table, graph or equation

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2006 Mathematics			
Grade Level Expectations			
Delaware Mathematics			
Grade 7			
Activity/Lesson	**State**	**Standards**	

Activity/Lesson	State	Standards	
1902: Success at Last	DE	MA.7.1.1.3	Interpret and apply percents greater than 100
1902: Success at Last	DE	MA.7.1.1.5	Compare fractions, decimals, and percents using multiple models
1902: Success at Last	DE	MA.7.1.2.5	Use ratios, proportions and percents to solve contextualized problems
1902: Success at Last	DE	MA.7.4.3.1	Defend or dispute conclusions drawn from the interpretation of data by comparing one data set to another
1903: Powered Flight	DE	MA.7.1.2.7	Add, subtract, multiply, and divide integers
1903: Powered Flight	DE	MA.7.1.2.9	Select and use appropriate methods and tools for computing (e.g., mental computation, estimation, calculators, paper and pencil) depending on the context and nature of the computation
1903: Powered Flight	DE	MA.7.2.2.1	Connect different representations of the same situation to one another using tables, graphs, and rules
Learning to Fly: The Wright Brother's Adventure			
2006 Mathematics			
Grade Level Expectations			
Delaware Mathematics			
Grade 8			
Activity/Lesson	**State**	**Standards**	
1902: Success at Last	DE	MA.8. 4.3.1	Defend or dispute conclusions drawn from the interpretation of data by comparing sets of data or exploring possible relationships based upon scatter plots of related data and approximate lines of fit
1903: Powered Flight	DE	MA.8. 1.2.5	Use meaningful relationships between addition, subtraction, multiplication, and division of integers to justify the rules of operations
1903: Powered Flight	DE	MA.8. 1.2.7	Select and use appropriate methods and tools for computing (e.g., mental computation, estimation, calculators, paper and pencil) depending on the context and nature of the computation
1903: Powered Flight	DE	MA.8. 2.1.3	Compare the rates of change in tables and graphs and classify them as linear or nonlinear
1903: Powered Flight	DE	MA.8. 2.2.4	Use tables, graphs and symbolic reasoning to identify functions as linear or nonlinear
Learning to Fly: The Wright Brother's Adventure			
2006 Mathematics			
Grade Level Expectations			
Delaware Mathematics			
Grade 9 (Grade 9)			
Activity/Lesson	**State**	**Standards**	

1903: Powered Flight	DE	MA.9.1.1.3	Estimate square roots
1903: Powered Flight	DE	MA.9.1.1.4	Determine the appropriateness of an answer by using number sense or estimation
1903: Powered Flight	DE	MA.9.2.2.2	Model and solve situations involving systems of equations with tables or graphs using technology